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More Ways
For the same Purpose, Intimated by M.
Hook.

I Have by me (*saieth Mr. H.*) two or three several ways of *Measuring the Diameters* of the Planets, whether *Horizontal, Perpendicular, or Inclined*, to the exactness of a *Second*, by the help of a *Telescope*: As also, of taking the *Position and Distance* of the *Small Fixt Stars* one from another, or from any of the less bright *Planets*, if the *Distance* be not above two or three *Degrees*.

The Particulars hereof, the Author refers to the next Opportunity.

Observations
Of the Star, called Nebulosa, in the Girdle of
Andromeda; and of the Wondrous Star in
the Neck of the Whale: made and com-
municated by Monsieur Bullialdus.

A *Nno 1667. in January*, when the Cloudy and Misty weather, which had continued for a good while, did permit us to observe, the *Star Nebulosa, in the Girdle of Andromeda* (which may well enough be seen by the bare Eye) appeared much obscurer than the Year before. In the Months of *February* and *March* I did not see it.

Anno 1667, January 20. at Night, h. 6. 30. the Sky being pretty serene, the *Star in the Neck of the Whale*, did approach to the bigness of a *Star of the Sixth Magnitude*, and grew bigger afterwards.

February 12, h. 6. 30'. I saw the same again, equalling now a *Star of the Fourth Magnitude* at least.

February 24, h. 7. This *Star* was equal to those of the *Third Magnitude*, shining very bright.